


[Subscribe \(Full Service\)](#) [Register \(Limited Service, Free\)](#) [Login](#)

 Search: ☒ The ACM Digital Library ☐ The Guide

 Searching within The ACM Digital Library with Advanced Search: (content and alternate and path and congestion) ([start a new search](#))

Found 63 of 239,255

REFINE YOUR SEARCH

Search Results

[Related Journals](#)[Related SIGs](#)[Related Conferences](#)

▼ Refine by Keywords

Results 1 - 20 of 63

Sort by [relevance](#)

in

[Save results to a Binder](#)

Result page: 1 2

Discovered Terms

▼ Refine by People

[Names](#)
[Institutions](#)
[Authors](#)
[Editors](#)
[Reviewers](#)

 1 [An entity maintenance and connection service for sensor networks](#)
 Brian Blum, Prashant Nagaraddi, Anthony Wood, Tarek Abdelzaher, Sang S. Stankovic

May 2003 MobiSys '03: Proceedings of the 1st international conference on applications and services

Publisher: ACM

 Full text available: Pdf (294.88 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [terms](#)

Bibliometrics: Downloads (6 Weeks): 8, Downloads (12 Months): 51, Citation (

In this paper, we present a middleware architecture for coordination sensor networks that facilitates interaction between groups of sensors which monitor environmental events. It sits on top of the native routing infrastructure

▼ Refine by Publications

[Publication Year](#)
[Publication Names](#)
[ACM Publications](#)
[All Publications](#)
[Content Formats](#)
[Publishers](#)

 2 [Preserving peer replicas by rate-limited sampled voting](#)

Petros Maniatis, David S. H. Rosenthal, Mema Roussopoulos, Mary Baker, Christos Miliadis

December 2003 SOSP '03: Proceedings of the nineteenth ACM symposium on operating systems principles

Publisher: ACM

 Full text available: Pdf (336.27 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [terms](#)

Bibliometrics: Downloads (6 Weeks): 7, Downloads (12 Months): 66, Citation (

ADVANCED SEARCH

[Advanced Search](#)

FEEDBACK

[Please provide us with feedback](#)

Found 63 of 239,255

Keywords: digital preservation, rate limiting, replicated storage

Also published in:

December 2003 SIGOPS Operating Systems Review Volume 37 Issue 5

 3 [Parallel simulation for aviation applications](#)

Frederick Wieland

 December 1998 WSC '98: Proceedings of the 30th conference on Winter simulation
 Publisher: IEEE Computer Society Press

 Full text available: Pdf (82.27 KB) Additional Information: [full citation](#), [references](#), [citations](#)

Bibliometrics: Downloads (6 Weeks): 2, Downloads (12 Months): 18, Citation (

4 [A parallel embedded-processor architecture for ATM reassembly](#)

Richard F. Hobson, P. S. Wong

February 1999 IEEE/ACM Transactions on Networking (TON) , Volume 7

Publisher: IEEE Press

Full text available:  Pdf (331.21 KB) Additional Information: [full citation](#), [references](#), [cite](#)

Bibliometrics: Downloads (6 Weeks): 4, Downloads (12 Months): 23, Citation (


Keyw ords: ATM, embedded systems, medium access control, segment reassembly

5 [Data-centric storage in sensornets with GHT, a geographic hash table](#)

Sylvia Ratnasamy, Brad Karp, Scott Shenker, Deborah Estrin, Ramesh Gov Yu

August 2003 Mobile Networks and Applications , Volume 8 Issue 4

Publisher: Kluwer Academic Publishers

Full text available:  Pdf (255.10 KB) Additional Information: [full citation](#), [abstract](#), [reference terms](#)

Bibliometrics: Downloads (6 Weeks): 21, Downloads (12 Months): 120, Citation

Making effective use of the vast amounts of data gathered by large-scale (sensornets) will require scalable, self-organizing, and energy-efficient algorithms. For sensornets, where the content of the data is more important

Keyw ords: algorithms, distributed systems, performance, sensor network

6 [Scalable application layer multicast](#)

 Suman Banerjee, Bobby Bhattacharjee, Christopher Kommareddy

August 2002 SIGCOMM '02: Proceedings of the 2002 conference on Application technologies, architectures, and protocols for computer communication

Publisher: ACM

Full text available:  Pdf (561.69 KB) Additional Information: [full citation](#), [abstract](#), [reference terms](#)

Bibliometrics: Downloads (6 Weeks): 62, Downloads (12 Months): 249, Citation

We describe a new scalable application-layer multicast protocol, specific low-bandwidth, data streaming applications with large receiver sets. Our solution is based upon a hierarchical clustering of the application-layer multicast peers ...

Keyw ords: application layer multicast, hierarchy, overlay networks, peer-to-peer systems, scalability

Also published in:

October 2002 SIGCOMM Computer Communication Review Volume 32 Issue 4

7 [Best-path vs. multi-path overlay routing](#)

 David G. Andersen, Alex C. Snoeren, Hari Balakrishnan

October 2003 IMC '03: Proceedings of the 3rd ACM SIGCOMM conference on Internet measurement

Publisher: ACM


Full text available:  Pdf (142.64 KB) Additional Information: [full citation](#), [abstract](#), [reference terms](#)

Bibliometrics: Downloads (6 Weeks): 20, Downloads (12 Months): 119, Citation

Time-varying congestion on Internet paths and failures due to software configuration errors often disrupt packet delivery on the Internet. Many avoiding these problems use multiple paths between two network locati

Keyw ords: measurement, multi-path routing, networking, overlay netw

8 Fast placement approaches for FPGAs

 Russell Tessier

April 2002 Transactions on Design Automation of Electronic Systems
Volume 7 Issue 2

Publisher: ACM


Full text available:  Pdf (606.13 KB) Additional Information: [full citation](#), [abstract](#), [reference terms](#)

Bibliometrics: Downloads (6 Weeks): 5, Downloads (12 Months): 67, Citation

Recent trends in FPGA development indicate a strong shift toward design the use of intellectual property (IP). This design shift has motivated the Frontier, a timing-driven FPGA placement system that uses design macr

Keyw ords: Computer-aided design of VLSI, field-programmable gate a synthesis

9 ACM SIGCOMM Computer Communication Review: Volume 32 Issu

 July 2002 SIGCOMM Computer Communication Review

Publisher: ACM

Additional Information: [full citation](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Citatio

10 Performance analysis of a rate-based feedback control scheme

Lalita A. Kuikarni, San-qi Li


December 1998 IEEE/ ACM Transactions on Networking (TON) , Volume
Publisher: IEEE Press

Full text available:  Pdf (419.31 KB) Additional Information: [full citation](#), [references](#), [cite](#)

Bibliometrics: Downloads (6 Weeks): 4, Downloads (12 Months): 32, Citation

Keyw ords: feedback control, numerical analysis, stochastic modeling, performance

11 Secure traceroute to detect faulty or malicious routing

 Venkata N. Padmanabhan, Daniel R. Simon

January 2003 SIGCOMM Computer Communication Review , Volume 33 Is
Publisher: ACM

Full text available:  Pdf (233.68 KB) Additional Information: [full citation](#), [abstract](#), [reference](#)

Bibliometrics: Downloads (6 Weeks): 9, Downloads (12 Months): 61, Citation

Network routing is vulnerable to disruptions caused by malfunctioning o that draw traffic towards themselves but fail to correctly forward the tra approach to addressing this problem is to secure the routing protocol ...

12 [A signaling architecture for wireless ATM access networks](#)

Nikos H. Loukas, Nikos I. Passas, Lazaros Merakos, Iakovos S. Venieris

March 2000 Wireless Networks . Volume 6 Issue 2


Publisher: Kluwer Academic Publishers

Full text available:  Pdf (350.88 KB) Additional Information: [full citation](#), [abstract](#), [reference terms](#)

Bibliometrics: Downloads (6 Weeks): 18, Downloads (12 Months): 80, Citation

A multiservice wireless Asynchronous Transfer Mode ∥ATM∥ a considered from a signaling protocol viewpoint. In an attempt to genera results and experiences obtained from the specification, design, and im

13 [An end-to-end approach to globally scalable programmable networki](#)

 Micah Beck, Terry Moore, James S. Plank

August 2003 FDNA '03: Proceedings of the ACM SIGCOMM workshop on Fu network architecture

Publisher: ACM

Full text available:  Pdf (447.96 KB) Additional Information: [full citation](#), [abstract](#), [reference terms](#)

Bibliometrics: Downloads (6 Weeks): 13, Downloads (12 Months): 66, Citation


The three fundamental resources underlying Information Technology ar storage, and computation. The goal of wide area infrastructure is to pro resources to enable applications within a community. The end-to-end pr

Keywords: Internet Backplane Protocol, Logistical Network Computing, networking, asynchronous communications, distributed state managem design, network storage, programmable networking, scalability, store a network

Also published in:

October 2003 SIGCOMM Computer Communication Review Volume 33 Issue

14 [Topology-aware overlay networks for group communication](#)

 Minseok Kwon, Sonia Fahmy

May 2002 NOSSDAV '02: Proceedings of the 12th international workshop operating systems support for digital audio and video

Publisher: ACM


Full text available:  Pdf (248.00 KB) Additional Information: [full citation](#), [abstract](#), [reference terms](#)

Bibliometrics: Downloads (6 Weeks): 10, Downloads (12 Months): 78, Citation

We propose an application level multicast approach, Topology Aware Gr which exploits underlying network topology information to build efficien among multicast group members. TAG uses information about path ove

Keywords: application level multicast, network, overlay networks, rout

15 [Web100: extended TCP instrumentation for research, education and](#)

 [Mati Mathis, John Heffner, Raghu Reddy](#)

July 2003 SI GCOMM Computer Communication Review , Volume 33 Issue
Publisher: ACM


Full text available:  Pdf (215.29 KB) Additional Information: [full citation](#), [abstract](#), [reference](#)

Bibliometrics: Downloads (6 Weeks): 8, Downloads (12 Months): 60, Citation (

TCP has become the dominant protocol for all network data transport because of its simple uniform data delivery service which is sufficient for most applications in the types of lower network layers. By its very nature, TCP's adaption and re

Keywords: Net100, TCP Performance, Web100, instrumentation

16 [Performance modeling of multiprocessor implementations of protocols](#)

 [Mats Björkman, Per Gunningberg](#)

June 1998 IEEE/ACM Transactions on Networking (TON) , Volume 6 Issue
Publisher: IEEE Press

Full text available:  Pdf (285.80 KB) Additional Information: [full citation](#), [references](#), [citation review](#)

Bibliometrics: Downloads (6 Weeks): 5, Downloads (12 Months): 28, Citation (

Keywords: multiprocessor, parallel communication protocols, performance modeling, queueing network model

17 [The click modular router](#)

 [Eddie Kohler, Robert Morris, Benjie Chen, John Jannotti, M. Frans Kaashoef](#)

August 2000 Transactions on Computer Systems (TOCS) , Volume 18 Issue
Publisher: ACM


Full text available:  Pdf (376.31 KB) Additional Information: [full citation](#), [abstract](#), [reference terms](#)

Bibliometrics: Downloads (6 Weeks): 44, Downloads (12 Months): 292, Citation (

Clicks is a new software architecture for building flexible and configurable routers. The router is assembled from packet processing modules called elements. It implements simple router functions like packet classification, ...

Keywords: component systems, routers, software router performance

18 [SplitStream: high-bandwidth multicast in cooperative environments](#)

 [Miguel Castro, Peter Druschel, Anne-Marie Kermarrec, Animesh Nandi, Anand Singh](#)

December 2003 SOSP '03: Proceedings of the nineteenth ACM symposium on Operating Systems Principles
Publisher: ACM

Full text available:  Pdf (847.74 KB) Additional Information: [full citation](#), [abstract](#), [reference terms](#)

Bibliometrics: Downloads (6 Weeks): 38, Downloads (12 Months): 257, Citation (


In tree-based multicast systems, a relatively small number of interior nodes of forwarding multicast messages. This works well when the interior nodes are available, dedicated infrastructure routers but it poses a problem for applications.

Keywords: application-level multicast, content distribution, end-system to-peer, video streaming

Also published in:

December 2003 SIGOPS Operating Systems Review Volume 37 Issue 5

19 [GHT: a geographic hash table for data-centric storage](#)

 Sylvia Ratnasamy, Brad Karp, Li Yin, Fang Yu, Deborah Estrin, Ramesh Govindkumar, Shenker

September 2002 WSN '02: Proceedings of the 1st ACM international workshop on sensor networks and applications


Publisher: ACM

Full text available:  Pdf (217.28 KB) Additional Information: [full citation](#), [abstract](#), [reference terms](#)

Bibliometrics: Downloads (6 Weeks): 26, Downloads (12 Months): 161, Citation


Making effective use of the vast amounts of data gathered by large-scale sensor networks will require scalable, self-organizing, and energy-efficient data dissemination. Previous work has identified data-centric routing as one such method.

20 [A measurement-based analysis of multihoming](#)

 Aditya Akella, Bruce Maggs, Srinivasan Seshan, Anees Shaikh, Ramesh Sitaraman

August 2003 SIGCOMM '03: Proceedings of the 2003 conference on Applications, technologies, architectures, and protocols for computer communication

Publisher: ACM





Full text available:  Pdf (386.82 KB) Additional Information: [full citation](#), [abstract](#), [reference terms](#)

Bibliometrics: Downloads (6 Weeks): 20, Downloads (12 Months): 81, Citation

Multihoming has traditionally been employed by stub networks to enhance their network connectivity. With the advent of commercial "intelligent" network products, stubs now leverage multihoming to improve performance. Although

Result page: 1 2

The ACM Portal is published by the Association for Computing Machinery. Copyright © 2008 ACM, Inc.
[Terms of Usage](#) [Privacy Policy](#) [Code of Ethics](#) [Contact Us](#)

Useful downloads:  Adobe Acrobat  QuickTime  Windows Media Player  Real Player